

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

47.38
Am 3

RECEIVED
NOV 22 1934

U. S. DEPARTMENT OF AGRICULTURE

American **TURKEY** **JOURNAL**



First Bronze Young Tom 1934 All-American Turkey Show, also winner of First at Colorado State Fair and at the Western National Stock Show, Denver. A fine specimen of size color and vigor. Bred and exhibited by Mrs. C. E. Brown and Son, Littleton, Colorado.

VOL. III.
NO. 2

APR.
1934

PER COPY
10c

Good Managers Know:

TURKEY raising is a profitable enterprise.

Success depends on the right start.

Proper feeding reduces disease hazards and death losses.

A well balanced starting mash, like NUTRENA, containing vitamins and minerals produces the most satisfactory results.

The cheapest way to feed is to get the maximum vigor, vitality, growth and development with a minimum amount of feed.

A proved product is the safest feed to use. (Nutrena Turkey Starting Mash was developed on the famous Fitzloff and Trahms Farms.)

Final results prove that a good feed will make the raiser more money.

This is the year to use—

A Super Feed



See Your Nutrena Dealer

Nutrena Feed Mills, Inc.

Minneapolis, Minnesota

Are You Ready for the Poult's?

Noted Authority on Turkey Culture Gives Some Sound Advice on Getting the Poult's Started Right and Tells it in His Entertaining Way

By DR. W. A. BILLINGS, University of Minnesota

Some folks still think they cannot brood poult's in a brooder house with artificial heat. As a matter of fact after you have used the house once you will wonder how you stayed away from it so long. Nevertheless there are a few things about artificial handling of little turkeys which must be remembered. I'll try to mention the most important.

First of all don't make too big a brooder house—a 10 x 12 ft. house is about right for 150 poult's. Oh yes, I know that many put 200 or more in a house that size but it is entirely too many for safety. They often crowd and smother down to the number you should have. A house bigger than 10 x 12 is hard to move without a tractor and most folks don't have tractors; and then a big house is awkward and will wreck if moved as often as it should be.

Don't buy too small a brooder stove, either coal or oil. Which is the best? Well that is a matter of opinion—both are excellent and both will burn up the house if operated carelessly. Whichever you buy—oil or coal, get the biggest size, as these are none too big.

Before the poult's are ready for the house, give it a THOROUGH housecleaning. You don't need any disinfectant if you will first scrape out the house with a hoe to get rid of last year's dirt, then SCALD the floor with BOILING, not warm water. Scrub thoroughly and the house is ready for the litter. Boiling water will kill the germs if there are any left in the house, but if you must use warm water, add a half tea-cup of some good disinfectant to the pail of warm water.

The LITTER—nearly everyone has some pet floor covering. I have never found anything better or cheaper than good, clean, fine gravel or coarse sand. Put a couple of inches of this all over the floor and change as often as it becomes soiled. Do not under any circumstances use news paper on the floor—they are slippery things and the caretaker may have to have spikes on his or her shoes to keep from skidding, and too, they are awful messy.

Some prefer peat. It's O. K. but during these times you may want to save on expense and sand is usually very cheap. I do not like straw, shavings or even sawdust, although some may have used these successfully. Now that you have the house cleaned up and the litter ready we will call on the man of the house to come forward and haul the house out far away from the farm buildings or chickens. Don't for-

get that you CAN'T make the farmyard safe. Liming the soil is like putting so much talcum powder on it. The brooder house thus placed, away from the farm buildings, will do wonders to prevent worms in your growing poult's. The walk will do you good in these days of reducing exercises.

Start the stove a day or two before the poult's are in and see that it is operating right. Don't forget to do this. Give it a good cleaning, too, if it has not been shined up since last spring. Now all is ready for the entrance of the little turks except one thing. Before the stage is fully set we must have the feed ready.

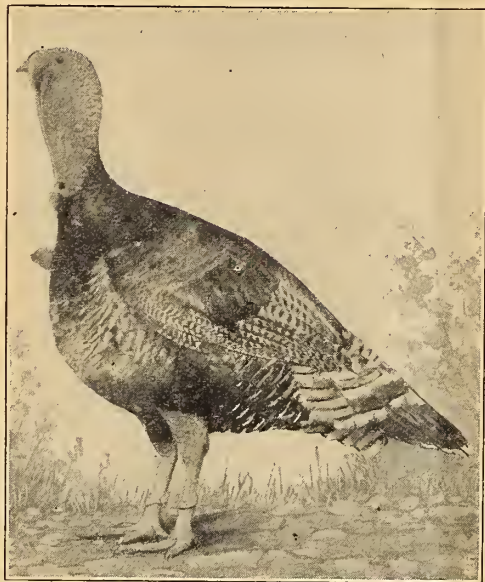
Please don't fool around with the old, ancient, moss-covered idea of starting the little poult's on hard-boiled eggs, clabbered milk, cottage cheese, Johnny cake and bread crumbs. Mix or buy, to suit yourself, a good starting mash and have in hoppers on the floor awaiting the arrival of the poult's. Use plenty of hoppers. Many fail in this. Don't feed on shingles at intervals during the day. Leave the feed before the birds 24 hours a day right from the start. They won't eat too much, neither will they eat the litter if the feed is there all the time. It is all really very simple.

If you have plenty of milk don't give any water. They will plaster themselves up some but what is the difference as long as they keep healthy and grow? It is hard to beat milk and liquid food. A bit of cod liver oil in the mash at the rate of a quart to a 100 pounds of mash is fine for the first few weeks. Do not allow any period of starvation when they reach the house.

Crowding is a serious cause of loss in artificial brooding and is usually started by having too many in a house. Put a bumper of hardware cloth about the side of the house. A strip of this 18 inches wide slanting against the side will help to prevent suffocation in corners and against the sides. Burning a dim light all night in the brooder house also helps. Many have found this a reliable way to prevent evening piling up. A lantern kept well-cleaned and trimmed each morning will do fine. Just a dim light is sufficient. As soon as the birds are three or four weeks old put little roosts about the floor—say three or four inches high and encourage them to sit on them.

Don't have anything on the floor of the brooder house except turkeys and the necessary equipment. Remove all pails, barrels, empty or partly empty feed sacks. Poult's have been known to hop up into

World's Fair Futurities Championship



Grand Champion International Turkey Show, Chicago, 1932. (A leader in meat type; the dream of the turkey grower.)

1933 CHICAGO WINNINGS: Adult Tom 2-3-4-6; Yearling Tom 3-4-5; Young Tom 1-2-3-4-5; Adult Hen 1-2-3-4; Yearling Hen 1-2-3-5; Young Hen 1-2-3-9-12; A smaller entry in stronger competition.

A RECORD NEVER BEFORE EQUALLED: 78 $\frac{1}{17}$ % of all firsts, seconds and thirds in 1930. (Best Display Bronze); 84 $\frac{1}{6}$ % of all firsts, seconds and thirds in 1931. (Best Display Bronze, Grand Champion, First Master Breeders); 83 $\frac{1}{3}$ % of all firsts, seconds and thirds in 1932. (Best Display Bronze, Grand Champion, First Master Breeders); 83 $\frac{1}{4}$ % of all firsts, seconds and thirds in 1933. (Best Display Bronze, World's Fair Futurities Bronze Championship.)

Mr. and Mrs. M. M. Reiman, Planada, Calif.
Dear Mr. and Mrs. Reiman:

The Edmonton Show is over and as I promised to write you again, here I am. The old tom not only won Grand Championship in the Royal at Toronto but also Calgary and Edmonton.

Reiman Turkey Farms, Inc., Planada, Calif.
Dear Sirs:

Here are my recent winnings on stock produced from eggs purchased from you last spring. At the Minnesota State Show at Minneapolis last week I entered 10 young toms and placed 1 to 10 inclusive in class of 39. Entered 10 young hens, and placed 1 to 7 and 9 to 10. I am enclosing check for \$100 deposit on 1000 eggs this spring.

Czar, Alta., Canada, Jan. 22, 1934.

St. Paul, Minn., Jan. 23, 1934.

New 1934 Mating List Free.

REIMAN TURKEY FARMS, Inc.

M. M. REIMAN

Box J

PLANADA, CALIF.

83% of all 1st, 2nd, and 3rd awards in 1931, 1932 and 1933 earn the right to the title of

World's Fair Champion Bronze Flock of America

Thus have Reiman's Bronze achieved an almost unbelievable winning record, climaxing their more than 20 years of consistent progress in the science of producing better turkeys.

If a high winning record is proof of superior quality then a continued winning record running for many years must be final proof of sustained and constant quality that cannot be denied.

*"You can always tell
a Reiman bird"*

pails by the dozen and smother. They love to crawl into the opening of a feed sack laying on the floor, too.

As soon as the weather is nice and bright and warm make a little yard out in front of the brooder house and allow the poults a chance at a sun bath and green leaves. It would be fine if the house could be set in an alfalfa pasture. Don't allow them to run away from the house but just provide a bit of fenced in yard or sun porch.

There are other things but this will do for a starter. Now don't forget—a clean house—on clean ground—plenty of feed—don't over crowd—forget the unabsorbed yolk-sac—use all milk for drink if possible and I am sure you will do famously. Try the brooder house this season and I am sure you will never go back to the old way of raising turkeys.

HOLLY TURKEY ASSOCIATION NEWS

By MRS. ELVA M. KLEIN

Secretary-Treasurer, Holly, Colorado

The writer of these notes has just returned from a trip. It was primarily a pleasure trip but as turkeys are always on my mind I combined business with pleasure.

Perhaps few of our growers realize that as soon as one crop of turkeys is marketed

those who carry the responsibility in an association such as ours, begin arrangements for the next year's sales. Therefore it was interesting and we believe profitable to meet some of the large buyers of dressed poultry in their home offices and talk over our problems together, and meet again some of the graders who were sent to us in times past.

Traveling from place to place we could not help but notice the departure from the old farm method of dressing poultry and in its place find the plant dressing used. It was a happy privilege to visit some of these plants and see how other people look in action.

The supply houses were also visited as this is the time of year a secretary has to begin to count boxes and barrels for next year. Hundreds of them are being made each day now, that they may be in readiness for us next Thanksgiving time.

Word came that the turkey hens were on duty and the egg baskets were filling up so we hastened back to Colorado. Here's hoping we will all have luck with our flocks. We believe there will be a closer understanding next fall between us and the eastern buyers than ever before.

"I am a new subscriber to your AMERICAN TURKEY JOURNAL and have gotten much information from the copies I have received so far."

ARTHUR HETEBRY, Calif.

Raise a High Percentage of Your Poults!



GUARD Their HEALTH With CAM-PHO-SAL PHEN-O-SAL

Make sure of raising a high percentage of your poults to prepare for market, by guarding them NOW against brooder pneumonia, colds, roup and bronchitis. Spray them every evening with Cam-Pho-Sal. Its antiseptics kill the germs, making the air safe for your flock, and its soothing oils heal up their raw, inflamed air passages. You will find, as thousands of other turkey raisers have found, that Cam-Pho-Sal is good health insurance.



Bowel disorders result from irregularities in feeding, over-crowding, infectious diseases, etc., and can set your poults back considerably. So it pays to keep their bowels in good order and free of infection by putting Phen-O-Sal in the drinking water every day. Phen-O-Sal tablets are made of gentle healing and strength-building medicines that relieve inflammation and build up the blood of your poults. Use them from the very first.

For rapid growth and worm control, add AVI-TONE to the mash. Its proper tonics whet the appetite and stimulate the digestion.

Ask for Cam-Pho-Sal, Phen-O-Sal and Avi-Tone by name at your dealers. Write for a free copy of our new booklet "Turkey Talks on Diseases."

DR. SALSBUARY'S LABORATORIES

600 Jackson St.

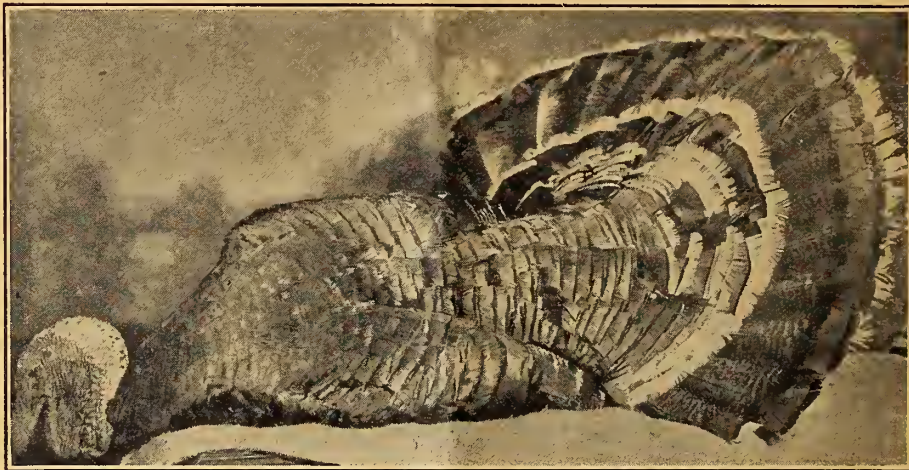
CHARLES CITY, IOWA

Take your Turkey troubles to the local Salsbury dealer. There is a Salsbury preparation for all kinds of Turkey diseases, including Bacterins, Vaccines, etc.



First Master Breeder's Display Champion Bronze & Grand Champion

Are 3 of the 27 Awards We Won at
World's Fair Turkey Show, Chicago



World's Fair Grand Champion Showing Wonderful Back, Coverts and Tail

SOME OF OUR BEST MATINGS FOR 1934 ARE HEADED BY THE FOLLOWING TOMS

GRAND CHAMPION MATING—
Headed by the tom pictured above. Critics claim him to be the best bird that has been produced. Eggs \$5.00 each.

SPECIAL NO. 1—Second Yearling at World's Fair. It took the Grand Champion to win over him. These two toms headed these two best matings last year.

SPECIAL NO. 2—Shelton's Dream, the best young tom we have seen. Has not been shown. Sired by Second yearling World's Fair.

SPECIAL NO. 3—The best son of the World's Champion. Has not been shown but is very high quality tom.

You should have our new 1934 illustrated catalog which will tell you about these various matings. It is free.

We do not use pullets under 16 pounds in our breeding flocks. They weigh 16 to 22 pounds and young toms 30 to 37. These birds are of the medium to short-legged, broad-backed with good length keel that mature early and make more money at market time. We sold a truck load of late

SPECIAL NO. 4—Grand Champion Los Angeles Co. Fair. First Adult World's Fair. Sired of the World's Fair Grand Champion. What we think of him as a breeder is best shown by placing four of his sons in the next four matings. Eggs from these four Special Matings are \$50.00 per dozen.

Other groups of high quality matings from which we are selling eggs at \$35.00 \$20.00 and \$10.00 per dozen. Many real stars throughout these matings. Then several high quality flock matings from which we are selling eggs at 25 and 50 cents each.

hatched toms in January, which averaged 25½ pounds, to the largest buyer in Los Angeles, and a letter from him stated that they were the best turkeys that had been on their market. Shelton Bronze win in the market as well as in the show room.

Quoting from "Monthly Turkey News" edited by Judge M. C. Herner, University of Manitoba, Winnipeg. In speaking of the quality of birds shown at the Century of Progress in Chicago he says, "Shelton's showed the six finest yearling bronze toms that I have ever seen at any show."

Mr. and Mrs. O. J. Shelton Box 555-A
Pomona, California

Judge Walker's Passing A Great Loss

By GEO. W. HACKETT

"WE SHALL MISS HIM"

This quotation, or its equivalent, has been found in several letters received from prominent turkey folks since the passing of Judge A. D. Walker, who died at his farm home near Memphis, Missouri at 2:40 P. M. March 15, of heart trouble, with which he had been afflicted, more or less, for several years.

His well known and highly prized services as a turkey judge, terminated with his judging the turkey show at Chicago, in December 1932. He was born September 18th, 1871 within the county in which he



JUDGE ALLEN DAVIS WALKER

resided his life time, and was in his 63rd year. From the Memphis Democrat, we learn that Allen Davis Walker was not "without honor in his own country" for there he was always active and influential and likewise, progressive.

A lover of fine horses and high-class poultry he became especially interested in the improvement of poultry and turkeys in his home country, gaining a reputation which soon became state-wide and with the establishment of the Missouri State Poultry Board he was appointed by the Governor as a member of the Board, where he served for nine years, part of the period as its president.

It was during this time, while I was

engaged as U. S. Extension Poultryman, I had the pleasure of getting acquainted with Mr. Walker in 1918, an acquaintance which soon developed into an intimate friendship, most highly valued.

His prominence as a breeder of Bronze Turkeys can be traced back to his winnings at the Panama-Pacific Exposition, at San Francisco in 1915, which included the winning of 2nd prize on a yearling Bronze tom weighing 47 pounds. This was back in the days when big turkeys were highly prized and this bird had all the qualities required to make it outstanding. Judge Walker has often mentioned this as his real starting point in his turkey career. The advertising of this achievement soon made a reputation for both Mr. Walker and his well known strain of "Champion Giant Bronze Turkeys" as he advertised them. His successes developed into demands for his services as a judge of poultry and turkeys, which quickly broadened until he was called on to serve as judge at State Fairs and leading poultry shows.

With the later development of turkey shows as we now know them, this services were at a premium wherever these shows were held, from coast-to-coast. His keen eye, prompt decisions and kindly methods in dealing with exhibitors, gave confidence and stability to his decisions.

He was a Life Member of the American Poultry Association and a Licensed A. P. A. Judge. He had served the All-American Turkey Show at seven of its eleven annual shows, missing the last two only because of ill health. He had served at all of the International Turkey Club shows at Chicago except the last one held in connection with the World's Fair Show last October, being unable to fill his engagement at that time. He had judged at Madison Square Garden, N. Y. at Dallas, Texas, Denver, and on the Pacific coast, several times. It is generally conceded he had no peer in this profession.

His funeral was held on Sunday afternoon, March the 17th at the McAdow Presbyterian Church, near Memphis, of which he was a long time member. He was likewise a member of the Masonic lodge at Memphis, which took part in the burial ceremonies. The attendance was unusually large.

Yes—"We shall miss him"—for his devotion to the turkey industry, for his services as a judge, but most of all for his genial good fellowship, and his true appraisal of friendships. In his passing the turkey fraternity has sustained an irreparable loss and we can assure those left to mourn his departure, the sincere sympathy of his hosts of friends among the turkey breeders of the country.

It will be gratifying to the members of



There's Extra **LIFE and GROWTH** *in* **PURINA TURKEY CHOWS**

IT'S not so much what a poult is today but what it will be next fall that counts. There's always a good premium paid for big-framed, plump, well-developed birds.

Make 1934 your premium year! Feed your poults Purina Turkey Startena for the first six weeks. You'll have more poults and bigger poults at the end of six weeks. Then switch to Purina Turkey Growing and Fattening Chow. You'll have birds big in frame, good in finish, straight-breasted, and weighing extra pounds on market day. You'll be money ahead.

If you don't have a copy of the new turkey booklet entitled "Today's Way of Making Money with Turkeys", write for a copy today. It's free.



PURINA MILLS

812 Checkerboard Square, St. Louis, Mo.

the All-American Turkey Association and to the members of the All-American Bronze and the International Narragansett Turkey Clubs, to know that prompt action was taken to forward a floral piece to Mrs. Walker, on behalf of these organizations, jointly with their sympathy.

Judge Walker is survived by Mrs. Walker, one daughter, residing at Glendale, Calif.; two brothers and three sisters.

HEN CLUB NOTES

At this season, the one person who is more busy than a bee, is the Hen Club member. For it's not only turkeys occupying our minds, but the thousand other items, and signs of spring.

This section has had an unusually severe winter and, today, March 19th, I have seen the first crow. But we must get ready for summer, so I wonder how many members have their tomato plants up. I have my celery transplanted the first time. Celery plants are very hardy, and every transplanting makes them grow better, especially if the long rootlets are trimmed off every time.

Other plants that I start in boxes are ground cherries, peppers, early cabbage, asters and a few lettuce for early heads. It seems good to have a plentiful supply of each kind, as later in spring we may find friends who may be short of plants and then we can share.

No matter how careful we aim to be, we generally have breakage of hot bed sash every year, so this season we plan on using glass cloth. It seems much cheaper and if it can only be used one season, there is still a saving.

As many helpful hints can be used towards our gardens as well as turkey-raising, we shall very much appreciate advice from all members of the Turkey Hen Club. You don't all have to speak at once, but when you have something good to tell, write it down, send it in and it will help keep the club going better. Also hearing from the different members gives us the satisfied feeling, that "We're all here, and, all is well."

MRS. JOHN ALLEN, Secretary

GRANT'S

MAMMOTH BRONZE

Rich in the blood of the world's most famous flocks. Have been bred at Glyndon farms for many years. Carefully selected for type, size and standard color. My winnings for the past three years at the All-American Turkey Show and at other leading northwest shows proves the progress we have made. My birds are all A. P. A. Inspected and I offer a fine lot of "A" & "AA" toms and hens at depression prices. Write me your wants. I guarantee satisfaction.

Mrs. Wilhelmine Grant

GLYNDON
MINNESOTA

Asbjeld Elected A. P. A.

Director in 9th District

In the election of I. M. Asbjeld, Alcester, S. D., as Director of the A. P. A. for District Number 9, which includes North and South Dakota and west to the coast, is a wise choice and in Mr. Asbjeld, turkey breeders will find a competent representative who will look with favor on improving the Standard of Perfection to bring it down to date and make it more comprehensive. We congratulate Mr. Asbjeld in this election. Complete list of newly elected A. P. A. officers is published herewith.

Election Results

Results of the recent American Poultry Association election as announced by Election Commissioner O. L. McCord are as follows: president, H. A. Nourse, St. Paul, Minn.; vice president, D. E. Hale, Glen Ellyn, Ill.; board of directors: district No. 1, Paul P. Ives, New Haven, Conn.; district No. 2, A. O. Schilling, Rochester, N. Y.; district No. 3, George R. Gordon, Springfield, Ohio; district No. 4, S. D. Wright, Columbus, Ga.; district No. 5, George Fitterer, Chicago, Ill.; district No. 6, E. C. Branch, Lees Summit, Mo.; district No. 7, W. C. Tallant, Oklahoma City, Okla.; district No. 8, Loring N. Kirk, Upland, Cal.; district No. 9, I. M. Asbjeld, Alcester, S. D.; district No. 10, George Robertson, Ottawa, Ont., Canada; district No. 11, M. C. Herner, Winnipeg, Man., Canada.

MALMBERG'S BRONZE

Hardy Northern Stock

1934 All-American Won:

11th Yearling Tom
6th Adult Hen
8th Young Hen
1st Old Pen
6th Young Pen
Sweepstakes Pen

Hardy, strong stock, bred and raised in the Northwest's vitality-building climate. You need some of this fine stock to refresh your flocks. No one will make you a better price for equal quality. Write your needs.

Alfred Malmberg

Route 1

Crookston, Minn.

Economy and Satisfaction in Feeding Turkey Poults



STERLING TURKEY GROWER

This ration is much like the Starter but contains a higher percentage of meat protein and less of milk—therefore lower in price. Since it is fed to birds beginning at the 8th week, the need for cod liver oil has also passed, effecting another economy. Sterling Turkey Grower will be found to be up to all claims made for it—always uniform in quality and economical to use.



STERLING MASH BALANCER

This is a strictly first class concentrate to be used in batch mixing—It offers a 35% protein content and contains no farm grains. Economy through the use of a turkey raiser's own grains, is the aim and accomplishment of this mixture. It contains our special meat and liver compound and sufficient cod liver oil for all requirements of the growing bird. This concentrate is adapted also for mixing rations to feed breeding stock and birds being prepared for market.



All Contain Our Special Meat and Liver Compound, An Excellent Protein which is Quickly Assimilated.

Ask Your Dealer

NORTHROP KING & CO.

Minneapolis, Minn.

STERLING TURKEY STARTER

This is the pioneer prepared turkey ration and we intend to maintain its leadership as an economical, profitable and most satisfactory starting feed for poults. Its first quality ingredients are granulated just coarse enough to attract the birds—and not pack in their crops. The animal protein is supplied by our special meat and liver compound which is highly digestible—dried buttermilk and blood flour. The vitamins are supplied by dehydrated alfalfa leaf meal and cod liver oil.

The Poult Will Soon Be King

Important Information About the Brooder House and Its Proper Construction; Also A Few Remarks on Feeding the Young Poults on Commercial Feeds.

By GEORGE W. HACKETT, Editor

THE BROODER HOUSE

For the successful raising of turkeys the brooder house is one of the most important items of equipment and on its success or failure may hinge. "Not how BIG, but how GOOD" is a very good slogan to work on in building the brooder house. Not long since, the house of large size, 16 ft. by 16 ft. or larger was recommended, but they prove too bulky to handle and too hard to heat to make them practical, and it has also been found that it is not well to attempt to brood as many poults in one group as a house of that size will accommodate.

A house 8 ft. by 10 ft., or at most, 10 ft. by 12 ft. will be found adequate to accommodate from 100 to 150 poults and that is as many as should be brooded together, under ordinary conditions. Houses of these smaller sizes can be well built and thoroughly insulated at less cost than the larger houses, and the cost of heating them is far less. The exact dimensions of the house does not matter so much but we prefer a house of less width at front and back than depth from front to back, then by placing the brooder nearer the back, gives much desired space in the front part of the house in which to arrange feeders and waterers.

Brooder houses should always be built on skids for handy moving and these skids serve as the main sills, on which the joists can be placed cross-wise. Straight poles or 4 in. by 4 in. timbers serve very well as sills. Two upright windows, placed well apart and extending well down toward the floor will allow the sunbeams to reach every part of the house. The lower half of each window should be of glass and the upper part covered with muslin on wire covered frames which can be removed when desired.

Place the main door of the house on the side which will usually be at the east and make it tight or double to avoid drafts. Floors should be double and insulated, and so should the ceilings as well as the sides, in order to retain the heat. In a house of this type it is more a pleasure than work to care for poults and to watch them grow.

THE SUN PORCH

The sun porch has come to be a necessity to most successful turkey raisers but all do not favor the same arrangement. For sanitation, the wire floor on the sun porch, if properly cared for, is doubtless the best, but if not frequently cleaned is probably not more sanitary than the gravel or sand floor. If left to a vote of the poults there is no question but what the dirt floor would

have to be universally adopted but there is so much labor connected with keeping a dirt floor in sanitary condition, and it is so easily neglected, there is no doubt in our mind but what the wire floor is best under most circumstances.

On many of the larger producing farms they are considered too expensive to be practical but on such farms they have a regular routine in their program of management and fresh sand is renewed regularly and in that way kept clean. But where turkey raising is more or less a sideline there is not the regularity in giving such things attention, therefore the wire floor on which to run and feed the poults until they are old enough to go out on larger spaces or free range is better, and whether the poults like it or not they do thrive on it if properly fed and cared for.

WHAT FEED FOR POULTS?

Most beginners and most experienced turkey growers are asking themselves that question at this time when they are making their preparations for the soon-expected poults. We are often asked what brand of feed we recommend as being the best but we can't answer that question because we really do not know.

Enthusiastic claims are made by the manufacturers of all the leading makes of turkey feeds and each back up their claims with positive and flattering proofs. These claims and proofs make it self-evident that each of these feeds do have real merit and we have seen the results so often, we are absolutely sold on the idea that commercial starting feeds are by far the safest, and in the end, the most economical for raising the poults.

The makers of these feeds have put a lot of expense and effort into laboratory and research work in order to discover the requirements of the growing poults and the elements contained in different grains minerals, etc., with which to meet these requirements. And even if the grower had all the knowledge thus obtained, he would still be without the facilities to obtain and properly combine and mix them, both of which are important to the wellbeing of the poult.

When we stop to consider that it requires not more than two pounds of feed to meet the requirements of the poult for the first six weeks of its life, a difference of a cent or two or even three cents, matters but little on the total cost of the mature turkey, and when we consider that proper feeding at the start, assures a greater percentage

of birds grown to maturity, the insignificant added cost of commercial feed used at the start, and even through the growing period, is of little consequence compared with results.

It is usually a safe plan to "follow the leader" and as we go about the country among the turkey growers, we find all the leaders using commercial feeds for their poults.

Western Turkey Growers Seek Lower Freight Rates

Charging discrimination against producers in Utah and three neighboring states, the Northwestern Turkey Growers' Association, Salt Lake, today signed a complaint, against 30 major steam railroads, asking the Interstate Commerce Commission to order a reduction in transcontinental rates and force reparation payments for overcharges. The complaint was signed by Herbert Beyers as Secretary and General Manager of the Northwestern Association.

The producers' organization alleges in the complaint that transcontinental rail rates on dressed turkeys from Utah, Idaho, Montana and western Colorado are unreasonable and discriminatory compared with rates from competing areas and with those on poultry shipped from the mid-west to Pacific Coast markets. The petition specifically asks for an equitable downward adjustment, and for reparations, or refunds, on overcharges made by the railroads during the past two years.

Mr. Beyers, announced that any reparations collected would go back to the member state associations and thence to the producers. It is estimated that 4,000 growers in the states mentioned would be benefited by such a distribution.

The transcontinental rail rate on dressed turkeys from Utah and the other three states to New York City and other terminal markets on the Atlantic Seaboard, is now \$3.00 per 100 pounds. This rate has remained the same for the past two years, while reductions have been made to the same markets from producing points East of the Continental divide and from the mid-west to the Pacific Coast, the Association officers charge. The rates from Wyoming East were recently reduced on order of the I. C. C. and from Denver the rate is now only \$1.96 to the Eastern Seaboard. Mr. Beyers asserts, complaining also of recent reduction in West bound freight charges from Nebraska, Iowa and other heavy-meat poultry producing states in the mid-west to Los Angeles and San Francisco.

All of the 30 railroads who have received part of the \$300,000 spent by the Northwestern Association in freight charges during the past two years, are made defendants in the complaint.

JEROME'S Super Bronze Turkeys

again prove their Superior Triple Bred Qualities by placing 12 out of 14 birds shown and winning—Best Display from Wisconsin, Iowa and Illinois; Best Display in Bronze Class; All-American "Best Breeders Display;"

Sweepstakes Display and

Master Breeder Award

at the GREAT

ALL-AMERICAN TURKEY SHOW

"First and Foremost of all Turkey Shows"

Our Strain is most Profitable because it is Triple Bred for Exhibition, Egg Production and Market Qualities.

Trapnested and Pedigreed

Best of quality at low prices
Mating list free

Wallace H. Jerome
BARRON WISCONSIN

D O M E S ' "On Top of the World" WHITE HOLLANDS

World's Largest Champion Breeding Flock—Get Some of These High Quality Eggs at our New 1934 Prices.

SPECIAL MATINGS—April \$2.00 Per Eggs, Prepaid; May and June, \$1.00 Per Egg, Prepaid.

Our general flock consists of 400 hens, weighing 15 to 20 pounds each, mated to toms of 26 to 38 pounds each of the best quality.—April Eggs, 25 cents each in setting lots, \$20.00 Per 100, Prepaid; May Eggs, 20 cents each in setting lots, \$15.00 Per 100, Prepaid; June Eggs, 15 cents each in setting lots, \$10.00 Per 100, Prepaid.

Guarantee 80% fertility for April, and will replace free of charge if infertiles are returned to me postpaid.

DAY OLD POULTS \$40.00 Per 100.

HENRY W. DOMES
Rickreall, Oregon

TURKEY NEWS

Irving Jensen, Amery, Wis., has advised us that he has just completed a new model of turkey hen trap-nest which he will use this season and that a little later he will furnish us with an illustration and working details for same, together with complete details regarding his system of trapnesting and keeping of pedigree records. Mr. Jensen also advises that he has a small clutch of eggs from his prize All-American young hen, due to hatch March 30th.



Word from Mrs. W. T. Hall, Denton, Texas, well-known breeder of high quality Black Turkeys, states that they have been having unusually cold weather down there and that on March 17th, the date of her letter, they had considerable snow. She further stated that turkey hens had just begun to lay. Mrs. Hall writes that Black Turkeys are on the "boom" and that sales have been very good.



Wallace Jerome, Barron, Wis., was a recent caller at Bonnie Dee Acres. He reported that he has ten mated pens and two good utility flocks from which he will sell eggs and poults this season. He has installed a Jamesway incubator of large capacity and is offering poults for sale this season.

Milk is Good Feed

Experienced poultrymen know that good results can be obtained by feeding milk in some form to poultry—both poults and adults. Flock owners who have skim milk available will find it profitable for the first few weeks of the brooding period. They will also find that it will be to their advantage to moisten some of the regular laying mash with milk and give it to their layers once a day in addition to the dry mash.

However, liquid milk is not always available to turkey raisers. As a matter of fact, many poultrymen prefer to feed milk in a more concentrated form, as dried milk. There are several forms: dried skim milk, dried buttermilk, and milk sugar.

Since milk is one of the common sources of animal protein and it is generally agreed that poultry rations should contain some form of animal protein, it is well to see that some form of milk is included in the ration. Unless milk is already included in the ration, it is a good plan to see that from 5 to 10 per cent of the amount of the mash is in the form of milk. When a milk sugar feed is used, not so much is needed as when some other form is used. Milk is especially valuable in growing the chicks and is a great stimulant to the appetite for laying hens. — American Poultry Journal.



Some of the famous White Hollands of Mrs. Homer Price, Evergreen Farm, Newark, Ohio. This flock has produced many of the outstanding birds of this breed in America. Price White Hollands made almost a clean sweep in their class at the World's Fair Show, 1933.

2,200 Breeder in One Flock!

The Editor Visits the Large Establishment of Roy Fitzloff and Geo. R. Trahms, St. Claire, Minn. and Finds an Excellently Equipped and Operated Turkey Farm

We have seen many large flocks of growing turkeys during the summer and fall months and had often wished to see a flock of breeders of this proportion but had not had the opportunity until recently. The above-mentioned flock was seen on the Roy Fitzloff Farm at St. Claire, Minnesota, and comprizes the Bronze breeding flock for the present season of the Sunshine Turkey Farms, Messrs Roy Fitzloff and Geo. R. Trahms, proprietors. Our visit there was on March 24th.

While the two large farms owned by these gentlemen are operated separately, the breeding flock and the breeding operations, including the sale of hatching eggs and poults, are handled jointly. While this combination has never done much advertising, they have become widely known through liberal publicity which their unusual project has elicited, and now even with this immense flock of breeders, the owners are worried to know whether they will be able to supply the demand for eggs and poults.

Ideal Run for Breeders

A twenty acre lot, mostly wooded, and situated in the natural amphitheater open to the south, affords one of the most ideal winter and breeding runs one could hope for. The day of our visit it was cold and windy yet one would hardly know it in this favored location.

Two thousand forty hens and one hundred sixty toms made up the mating. Every hen's back was protected with a "Sunshine" canvas shield, now offered for sale by these farms. The 160 toms were all purchased from one flock last fall and both toms and hens are of the 1933 hatch. Good blocky type prevailed and while not much attention has been paid to high color attainment all birds are from pure Bronze

breeding, and are of good size, but not coarse.

Believe in Quick Turnover

It is the policy of these farms to secure quick maturity through careful selection of breeders and liberal feeding of a well balanced feed, and to market the crop as early as possible with finished birds. This they are able to do at five months of age, or thereabouts, and their records show that the toms, at that age averaged about 16 pounds and the hens 10 pounds, a flock average of about 13½ pounds.

They have very few crooked breasts and an exceedingly low percent of Number two birds. Their records further show that it requires approximately four pounds of feed to produce one pound of turkey meat, this is exclusive of green feed, some milk, etc.

Brooding the Poults

At the time of our visit they had about 1100 seven-week-old poults hatched from California eggs. They were a mottled lot as to color but showed good growth and good feathering. They use brooder houses 14 x 14 feet, with wire floors and wire floored sunporches. They brood about 400 poults in a house of this size. They have found the wire floors a good investment and would not raise turkeys without them.

They have found that sky lights in brooder house roofs help a lot to prevent crowding and to induce early roosting. Most of their poults are on the roosts at four weeks of age. A lantern suspended over the brooder for the first two nights poults are under hovers will prevent crowding. The application of business principles throughout, together with good common sense management has made a profitable business of turkey raising on these farms.

BIDLEMAN'S BRONZE BEAUTIES

Blue Ribbon Winners in America's Foremost Shows

Our birds have vigor, size and beautiful plumage. This, with their early-developing tendencies make them ideal for improving your flock.

Now booking orders for eggs at prices you can afford to pay.

MATING LIST ON REQUEST

CLAIR BIDLEMAN KINSLEY KANSAS

EGGS AND POULTS

from
QUALITY BRONZE
A. P. A. Inspected

Winners at Leading Shows.

Write for Folder.

CLEVE ANGEN, Garfield Minn.

The American Turkey Journal



GEORGE W. HACKETT, Editor, Wayzata, Minnesota.

Telephone or Telegraph Address, 201-R Excelsior, Minneapolis, Minn.



Published monthly by the Page Printing Co. (Established 1912) at 105 South Third Street, Grand Forks, North Dakota. The home of the All-American Turkey Show, First and Foremost of All Exclusive Turkey Expositions, and center of America's greatest turkey-raising territory.

SUBSCRIPTION RATES: In the U. S. and Possessions 50c per year. Single copies 10c, Back numbers 20c. In Canada \$1.00 per year, 3 years for \$3.00. Single copies 15c, Back numbers 25c.

ADVERTISING RATES furnished upon request.

Entered as second-class matter May 4, 1932 at the post office at Grand Forks, North Dakota under the Act of March 3, 1879.

"RICH, BRILLIANT COPPERISH BRONZE"

The above words are used in describing the true color, or quality of bronze, as applied to the Bronze turkey in the Standard of Perfection, but just what is, "rich, brilliant, copperish bronze?" The words, "rich and brilliant," we believe, will be generally understood and uniformly interpreted in the terms of color wherever applied, but we anticipate there may be widely varying opinions as to what the "copperish" tone of color may mean as applied to bronze color.

There is no doubt but what the makers of the Standard searched long and widely for qualifying terms which would generally convey to the breeders of Bronze turkeys a uniform conception as to what the desired shade of bronze should be and it is doubtful that a better wording could have been adopted, that would have withstood so well, the technical definitions of color specialists. To begin with, words and terms are inadequate to describe delicate and complicated shades of color in a way that any considerable number of people will get the same picture in their minds from a word description. Moreover, the definite shade of copper color in the minds of different people will vary according to each individual's association with copper metal in its various manufactured forms and these will vary a great deal.

On my desk before me, used as a paper weight, is a piece of copper said to be more than ninety per cent pure, just as it was taken from one of the richest copper mines in the world, at Calumet, Michigan. This was presented to me while judging at Calumet, nearly twenty years ago. It still has the brilliancy of gold but a little darker in shade of color, yet with no variation in shade, regardless of how the light falls on it. Compared with specimen feathers we have of champions and grand champions, the copper color lacks the reddish tinge found on most of the feather bronze, and is a bit lighter in color. But the copper color alone does not fill the standard description which calls for "copperish bronze." For our own satisfaction, we have secured a piece of pure bronze metal, which compared with the copper, is a little darker in color and lacks the copper brilliancy, yet it is not a dead color. In neither the copper or the bronze is there a trace of the green tinge we so often find in bronze plumage color.

Technically construed, "copperish bronze" would have a relative meaning to "pinkish white" a standard term used to describe the shade of shank color of a White Holland turkey, meaning more white than pink; therefore we must conclude that the bronze shade should be the predominant color for the true bronze shade, but we must not overlook the words: "rich, brilliant." Our purpose in discussing this bronze color problem at this time,

is that we find many at sea as to what shade of color to endeavor to obtain, and it is thought that a general discussion of the matter may result in a more uniform understanding, and bring fewer disappointments in the show room.

Up until the last two seasons the general defect found in Bronze classes was the greenish sheen or green cast in bronze color. We still find some of it but on the whole, Bronze breeders of exhibition quality, in correcting that defect, have gone too far in the other direction, until the more common fault we find now is too dark a bronze which lacks the rich brilliancy called for in the Standard. This is no less a defect than too much of the green tinge, varying in both cases, according to degree in the shades found.

It is therefore, not inconsistent, where specimens are otherwise equal, for one having some of the green in color to be placed over one that is too dark and void of brilliancy in color, if defects on the latter are considered more serious than on the former, but a reversal of the placings might also be consistent if the green sheen was excessive in the first specimen.

Many of our best Bronze breeders have come to the conclusion that they will have to tolerate a small amount of the green tinge bronze defect in their breeding pens, in order to secure that "rich, brilliancy" which after all, is of prime importance in displaying bronze color. Just where to draw the line is a problem for each breeder to decide. Neither too much green nor too dark a bronze can win in extremely hot competition and rich brilliancy will always command first attention.

During the past two seasons at the shows we have heard frequent remarks favoring "reddish bronze" but no interpretation can be placed on the Standard color description, justifying the use of that term or of favoring such a shade of color. The correct shade of bronze, when rightly understood, cannot be forgotten by anyone having a keen color sense, nor can a misinterpretation of the Standard of Perfection nor a misapplication of the same cause the real Bronze fancier to vary his course one iota in his effort to secure that "just right" shade of bronze which is always just a little ahead of human possibilities to obtain.



SHORT LEGGED TURKEYS—HOW SHORT?

During the past two or three seasons there has been an increasing demand among all classes of turkey breeders for a bird with a somewhat shorter leg, less daylight between body and ground and a proportionate deeper body. We have regarded this new demand as more of a turning away from the once popular "big boys," the bigger-the-better type of turkey, (which never was "standard") back to more nearly the correct standard type. It is probable, however, that the present standard description of leg shape will need to be revised to some extent to meet with the popular demand. In that respect the standard now reads: "Lower thighs, long, stout; shanks, large, moderately long, strong; * * *."

But these terms are used relatively as compared to other Standard terms and must be so interpreted. A careful study of the Standard cuts of the only two breeds illustrated in the standard, Bronze and Bourbon Reds, will disclose the truth that the relative length of the turkey's shank and leg as seen in the profile view, is relatively short as compared to the size of the bird and the depth of its body. The truth of the matter is that many breeders had gone so far in producing extreme size they had lost sight of standard type, since SIZE was the most stressed requirement by the buyer of breeding stock.

But with the new demand for a market turkey of less size and more compact body the average breeder, without knowing it, changed his demand

for breeding birds conforming nearer to the Standard, because this type of turkey is the kind that finishes for the earlier market and dresses out a more compact and plump carcass

Turning again to the Standard for further application of its terms we will refer to the description of the Toulouse Goose, a bird comparative in size to the turkey. In this fowl the leg description says: "Lower thighs and shanks, short, stout; * * *." Now who wants a turkey down on the ground like a goose? and still that is just what many are asking for in their specifications for breeding stock at this time. To attempt to breed turkeys to such a standard would be to sacrifice gracefulness, symmetry and the majestic style which makes the turkey one of the most beautiful fowls of the feathered species. And since we have so little definite information as to the correlation of shorter legs to the better market carcass, we would advise that we "make haste slowly" toward any radical change in standard turkey type, but rather that we attempt to get closer to the present Standard than we are, in general, at present.

The Standard of Perfection does not say just how long the shank of the turkey should be nor has the subject ever been discussed publicly to our knowledge. During the past season we have taken the trouble to measure hundreds of these shanks in the several breeds, with the thought of arriving at about what the right shank measurements for the different breeds, male and female, using the birds which are considered to be the nearest correct type as being the ideal. While we have found these measurements to vary widely in large classes at the shows, it is very pleasing to note the general uniformity of the measurements on the better specimens, but looseness or hardness of plumage is often accountable for the difference in appearances of birds of like shank measurement.

A careful study of the measurements made, force the conclusion that in general, the shorter the shank the smaller the bird, therefore shank length has direct bearing on standard weights and justifies our position, frequently stated, that it is not consistent that all standard breeds of turkeys should be required to conform to the one shape description for turkeys contained in the present standard. Undoubtedly the Committee of Standard Revision has this change in mind but the breed clubs can do much to secure desired changes by making their wishes known to the Revision Committee.

NEWS NOTES AND COMMENT

Roy Medley, Oakland, Oregon, writes that he has received the two grade "A" Bronze hens offered by Geo. E. Lamm, Philips, S. D., as a special prize at the last All-American. In his letter Mr. Medley says: "Mr. Lamm surely selected two very fine hens for me and they came through in fine shape. I expect to get something good out of them."



Two excellent feeds for the breeders are, heavy whole oats and plenty of bulky, green feed. For the latter, alfalfa or clover hay, corn fodder or mould-free silage will be found good until green feeds appear in the runs. These feeds, of course, are to be given in addition to the laying mash, and there is nothing better than skim milk to keep the birds in good condition and to give a high percentage of fertility.



How many poults should one expect to raise per breeding hen? Is a question fre-

quently asked. Reports that have come to our notice give all the way from 5 to 32 birds brought to maturity, per hen kept. Most growers are satisfied if they can average from 12 to 15 per hen and the general average is probably below 10 mature birds per hen. In 1932 a North Dakota woman hatched 675 poults from 30 hens and raised 600 to maturity. That is a good record but can be duplicated and even surpassed, with the best of management.



With higher feed costs than we have had for the past few years, and without an assurance of higher prices for our turkeys in the fall, profits will depend on the percentage of poults raised to maturity and the growth rate made during the early period of the poult's life. The feeds and the management that will induce rapid growth will also be a safeguard against disease, crooked breasts and deformed backs. Some growers do not favor the use

of milk in its natural form, but we have always noticed that in flocks where a great deal of milk has been fed throughout the growing season we find the best development and most vigor, but with the feeding of milk, sanitation must be strictly enforced.

Coccidiosis is a disease more dreaded among poultrymen than any other, and turkeys are just as much subject to it as are chickens. It is now believed that many turkey flocks have been treated for blackhead when the real trouble was coccidiosis. This is especially true as applied to young birds. But the disease attacks both young poults and growing birds. It causes a droopy appearance and often bloody droppings. Post-mortem shows the enlargement of the caecum or blind pouches and they are sometimes filled with blood. The disease is spread by contact with contaminated soil or through feed, water or droppings. It may be prevented by a strict sanitation program. An article on this disease will appear next month.

HONOR EXHIBITORS

At the 1933 All-American Turkey Show two exhibitors were given special recognition on account of having made entries at each of the ten annual exhibitions held by the association up to that time. Mrs. C. H. Folz, well known White Holland breeder of Drayton, North Dakota and Alfred Malmberg, of Crookston, Minnesota, a pioneer breeder of high class Bronze turkeys in the northwest, was the other exhibitor, thus honored. Both made entries again at the eleventh annual show in January and both made high winnings.

Mrs. Folz won Champion White Holland of the show and Mr. Malmberg won Sweepstakes Best Pen of the entire show, all breeds competing. Both were present at the show displaying their old time enthusiasm.

There are several other exhibitors who have been almost as constant in their patronage of the show but who missed the first one or more events. Among these are: Mrs. A. Swenson, Gilby, N. D.; Mrs. D. C. McLeod, Crary, N. D.; Mrs. Hattie Browell, Emerado, N. D.; Mr. and Mrs. W. E. Hoynes, Mapes, N. D.; A. G. Mohn, Buxton, N. D.; Burnett Farms, Cummings, N. D.; Mr. and Mrs. Frank Ralston, Crystal, N. D. Carl Waag, Petersburg, N. D.; Mr. and Mrs. Ray Andrews, Petersburg, N. D.; Geo. E. Lamm, Philip, S. D.; Miss Grace Baxter, Hazel, S. D.; Mr. and Mrs. Al. C. Johnson, Bath, S. D.; Janda Turkey Farm, St. Hilaire, Minn.; Emil Johnson, Kensington, Minn.; Mrs. E. D. Grant, Glyndon, Minn.; Mr. and Mrs. Martin Ellingson, Evansville, Minn.; Carl Larson, East Grand Forks, Minn.; Otto W. Thieke, Beardsley, Minn. All of the above have exhibited at six or more of the eleven shows held. We think this a very good record.

OLIN'S SHADY ACRES FARM NARRAGANSETTS

Show their quality in fine wins at the 1934 All-American in sharp competition:

5th Young Tom
1-7-9 Young Hens
1st Young Pen
4th General Breed Display
Best Four Young Hens
Best North Dakota Raised
Young Hen

Breeding Stock All Sold Out.

Booking Egg Orders After April 15.
Correspondence invited.

WA-KA-TO-NA

The new, improved poultry powder for turkeys, chickens and sheep. Aids in the prevention of all kinds of worms, parasites and black head.

H. B. OLIN

GRAND FORKS, N. DAK.

Phone 4-F-21 or 3233

KINCAID'S BANNER BRONZE TURKEYS

Won Best Display at S. E. Colo. Poultry Show 1933-34. For 1934 also won best yr. tom, 4-5 cockerels, 1-4 hens, 1-3-5-6-8-10 pullets and all specials. Annual Ark. Valley Turkey Show, La Junta, Dec. '33 won 1st tom, 2nd hen, 1-3 pullets, 1st young pen. Sweepstakes Male and Female.

MATING LIST FOR 1934

Extra Special Mating headed by our Sweepstake tom. Ideal in type, sound plumage, a proven breeder.

Special Mating headed by our 4th cockerel. Outstanding in wing, pencilling and white edging. Good bronze.

No. 1 pen headed by our 5th cockerel. Outstanding in bronze, white edging, fluff on side. Good pencilling and wing.

Females for these toms were selected for best results.

Eggs from these pedigreed winners \$1.00 each or \$10.00 per doz.

Pen No. 2 headed by toms held over for future shows. Eggs 35c each.

W. H. KINCAID

McClave

Colorado



ALL-AMERICAN BRONZE TURKEY CLUB

MRS. W. J. JANDA, Secretary, St. Hilaire, Minnesota

WHO'S WHO

Mrs. Thomas W. Musson, Edmore, Michigan, is the president of the Michigan Turkey Grower's Association and our second number from that state. Her membership was sent in by Mrs. Edgar Case.

We are greatly indebted to Mrs. Edgar Case, Benzonia, Michigan for the following news from her state:

Our state turkey show was smaller than usual because the weather was very stormy and cold, so that the radio warnings were issued advising people not to move stock in trucks unless protected from the weather, as some had come into the cities frozen. We only had the Bronze and White Holland breeds represented. There were 33 Bronze on exhibition. The winners of 1st and 2nd place in the Bronze classes were: Allen Dayton 1st old tom and second yearling tom. Mrs. Stanley Thorpe, 1st young hen and 2nd old hen. Mrs. H. A. Bennett, 2nd young hen. Mrs. Edgar Case, 1st yearling tom, 1st and 2nd young toms, 1st old hen.

Good size, even above standard, if combined with good type, seemed to be as popular as ever. Young hens and young toms up to 21 and 32 pounds respectively and old hens and toms to 27 and 40 pounds respectively. The show was judged by Glen Eels, of Pontiac. Assisted by Ashley Berridge, of the Lake City Experiment Station. The quality of the turkeys was said to be the best yet exhibited in Michigan.

I wish more of our members would send news items from their respective states and communities. We all like to know what others are doing also their ideas on the Bronze turkeys. It is interesting to note what Mrs. Case says about the large Bronze still being the most popular bird. It will

also be noticed that the large birds are also the most popular bird on the market. Toms are still 2 cents higher than hens. So keep to the Standard weight and don't cut down on the size of our popular Bronze.

We (the Janda Turkey Farm) are now nicely settled in our new home in the village of St. Hilaire. It is 7 miles from Thief River Falls on a good, hard surfaced state highway. Our latch string is out to all our turkey friends and we are hoping to see a good many of you this coming year. Besides raising our usual number of Bronze turkeys, and chicken broilers, we are going to specialize in custom hatching of turkey eggs only. It has been quite a task moving 100 turkeys and getting their pens ready during the stormy March. We still have quite a bit of snow and last night March 18th it was 12° below zero. But we are hoping that spring is on the way.

If any one would like a copy of the list of our last year's members, I would be glad to mail it to them. Many of our old members have not renewed their memberships and probably would be glad to give their renewals to members who are working for the AA toms offered by Messrs. Andrews and Jensen. Our last year's roster contained 100 numbers but so far we have only 50 for the year. Let us work for our beautiful Bronze and let us keep our club at the top. I wish each and all of you would send in new memberships and news for our page. I am expecting to be exceptionally busy the coming season and would appreciate more help with our club page. I would do all I possibly can to keep our club alive but I will need more help than I have had the past two years. Here's hoping our mail box will be flooded with Bronze news.

SADIE'S BOURBONS

Their superior type, deep red glossy coloring and lovely white markings have placed them in the front ranks of larger exclusive turkey shows. If size is what you want, along with other high qualities mentioned, I shall be glad to answer your inquiries for orders, both for—

POULTS AND EGGS
FROM PEDIGREED BREEDING STOCK
EGGS Fertility Guaranteed 100%
Mar. 50c each; Apr. 40c; May 30c; June 20c
POULTS: Live delivery guaranteed, twice the price of eggs.

SADIE B. CALDWELL
Broughton, Kansas

9 AWARDS ON 10 ENTRIES QUALITY GIANT BRONZE

Including Grand Champion, Champion Young Tom, Champion Hen, Best Display at North Central Poultry Show 1934.

Young toms and hens priced very reasonable. Write AT ONCE while we still have a good selection to choose from.

ROY G. UTNE ORTLEY
SOUTH DAKOTA

North Dakota Turkey Improvement Ass'n

By A. VAN OOSTING

Hello Folks:

This is the way a certain promoter in Los Angeles used to start his daily messages in the papers. Well now we are not what you might call promoters but then again we (I say we meaning the officers) are trying to build up a bigger and better Turkey Improvement Association.

In order to do this we must have your support. We, here in the northwest, or for that matter anywhere in North Dakota should all do our little bit by joining the N. D. T. I. A. Our \$1.00 goes for a year's subscription to the American Turkey Journal and 50c to the treasurer of the association. This money is used to hold better shows every year in Minot and to put on a good educational program to show turkey raisers that it pays to buy better breeding stock, and also to show the housewife that a standard-bred bird makes better eating; so in that way it helps every one in the state to sell more breeders.

This is my first article in the Journal, but Mrs. Lovig informs me I am to write up this page every month, or at least, see that something is put in every month. So rather than to tire you out in the first month I am going to make this short; but watch out I may fill six pages soon.

But this time I am going to put in all the members in good standing. This list may not be quite complete as I did not hear from our secretary Mr. Olson in time, but I will be sure you are mentioned in the next issue, all new ones coming in or those I missed this time. There are however a few old members who have not paid up this year's dues, an oversight, I suppose, so I would like to remind you to pay up now while it is fresh in your mind.

We are pleased to announce that Mrs. Henry Botz of Cando, N. D., has just joined with us. Mrs. Botz has fine quality Bronze and is among the winners at the

famous All-American. She also won Grand Champion there in 1931.

Jurgson Olson of Minot, is a large raiser of Bronze and of course is a member.

Mrs. Roy Van Order, Maxbass is a Bronze breeder and director with lots of pep to do things.

Frank Boutilier, Granville, was a new Bronze exhibitor and winner at the All-State Show at Minot 1934.

Mrs. Olaf Iverson, Washburn, has a fine flock of Bronze hens and some very nice toms, and with her ambition I know we will soon see her showing at Minot.

Mrs. L. Sevensrod Blaisdell, was winner in the class of Bourbon Reds in the Stanley show.

Mrs. Frank Zimmerman, Anamoose, winner of the Grand Champion tom at the All-State Show at Minot 1934, she also took many other prizes.

Mrs. John Anderson, Ross, who produces some of the finest and largest White Hollands in northwestern North Dakota. She always wins at the All State Show.

Mrs. S. Birk, Maxbass, is our congenial vice president who can win or lose and still smile, in the best of Bronze classes. This year she had best display of Bronze at the All-State Show along with many more awards.

Mrs. Carl Espeseth, Denbigh, another breeder of quality Bronze and winner of many prizes at several shows.

John Odland, Voltaire, who raises those fine large Bourbons that win wherever shown.

Ole Everson, Granville, breeder of mighty fine Bronze and never fails to win at the All-State Show.

Then there is J. M. Olson of Devils Lake who made such a fine showing at the All-American this year. Of course he shows at the All-State Show also and has been secretary the past two years.

And last but not least, is our president for several years. Mrs. L. Lovig of Bantry, a breeder of the best of Bronze and like her Bronze turkeys she puts forth her best in a big way to make a bigger and better All-State Show and Greater North Dakota Turkey Improvement Association.

STEIN-

at your service
the year 'round

For your protection we are licensed and bonded in North and South Dakota, Minnesota and New York.

A. STEIN & CO.

Enjoy the high prices paid on the famous Fort Greene Market, Brooklyn, where quality commands the best returns.

**FRESH BROILERS FOWLS CAPONS
SMALL HEN TURKEYS**

are always in good demand. Ship your dressed poultry to A. STEIN & CO. where you get fair grading, prompt and sure returns. We charge but 5% for our services.

A TRIAL WILL CONVINCE YOU

EXPRESS RATES have been reduced in Minnesota, North Dakota, South Dakota, Wisconsin, Iowa, Kansas, Nebraska, Oklahoma, and many eastern states.

163 Fort Greene Place, Brooklyn, New York

The writer also raises the Bronze and would not think of going along without those big Bronze beauties that shine and gleam in the sunlight like a newly minted gold coin.

Now let's go, old and new members, let's raise those better birds this year and join our N. D. T. I. A. and show at the All-State show at Minot next season.

I wish to hear from all the members old and new during the summer so I can make this page as interesting as possible. Just let me know how the poults are doing or your pet way of handling them or just anything so I can use it to make this your page so we will all look forward to it. Send your \$1.00 for dues to J. M. Olson, Devils Lake, N. D. Send all news to A. Von Oosting, Hensler, N. D. Thank you.

NARRAGANSETT CLUB NOTES

By MRS. WILLIAM EDDIE, Secretary
NEW OFFICERS

George Gilbertson.....President
Mrs. Mabel F. Tuttle.....Vice President
Mrs. William Eddie.....Secretary-Treasurer

I have had some early reports of early eggs. One of our new members J. H. Nelson of Fergus Falls, Minn., writes he found his first turkey egg the 4th of March. For this northwest I think that is splendid. He also relates he has sold all his stock but his breeders. He had about 500 turkeys last year and sold nearly all for breeders.

Are Narragansetts in demand? I'll say so! Mr. Nelson has also raised Bronze and White Hollands but likes his Narragansetts best. He says a great number of his customers were changing breeds, so we are getting more and more Narragansett breeders every year. He is keeping 36 hens and three toms. We will hear from Mr. Nelson later in the year.

Another communication I have at hand is also from a new member, Mrs. C. L. Duncan, Foss, Okla. She writes that she found her first egg the 28th of February. She says if she feeds her turkeys plenty of laying mash they lay all winter. She makes more off the sales of her eggs than any other way. There are not many turkey raisers in her locality as they have a very

sandy soil. There are a few flock turkeys raised there. She reports that she only got 11 cents for top on the market last fall. She was kind enough to say she misses my letters. I published a couple in the Turkey World last year. I thought this an opportune time to let her know about our AMERICAN TURKEY JOURNAL.

Received a nice long letter from one of our Bronze Club friends, Mrs. W. J. Janda, formerly of Mahanomen, Minn., now of St. Hilaire, Minn. She has been extremely busy since the All-American, selling turkeys and moving. And also taking care of the work connected with the Secretaryship of the Bronze Club. I appreciate the fact that she took time to write me.

The demand for Narragansett breeding stock has been so great this year I think we should make a drive for memberships. Nearly all I sold stock to I approached on the subject of becoming a member. I will start the ball rolling by offering \$5.00 in cash to the one sending in the most memberships by the 10th of November, 1934.—Who will match this?

MRS. WILLIAM EDDIE, Secretary

At our last Annual Club Meet the question came up of just what is meant by the Standard where the term "metallic" is used in describing the back color of the male. There appeared to be a difference in the meaning conveyed to the different breeders. If you will look this word up in an unabridged dictionary, you will find one meaning as applied to color: refers to the luster of metal and mentions gold, silver, etc.

It would therefore follow that "metallic black" as mentioned in the Standard would likewise include the luster found in the most lustrous black metal. This is as we understand it, and to our mind affords a beautiful finish to the back color, not found in the dead or dull black. The luster referred to must be free from both bronze and green sheen. The very light "silver grey" of the male's neck and cape, edged with the narrow black trim to each feather, contrasting with the beautiful metallic sheen of the back, makes a combination rivaling in beauty, the back color of the most brilliant Bronze male. (Editor).

TRIUMPH TURKEY INCUBATORS



Factory to user
Quick Delivery

Especially built for hatching turkey eggs successfully. Hatches highest percent of strong, healthy poults with least trouble and expense. Made of best materials throughout with latest improvements. Automatic regulator, correct moisture and ventilation. 40 years experience. Sold direct from factory to user under strong guarantee. 5 sizes, 95 to 670 turkey eggs. Large catalog free.
R. F. NEUBERT CO., Box A, Mankato, Minn.

QUALITY BRONZE

EGGS AND POULTS
From A. P. A. Inspected Flock.

MRS. J. B. KELLEHER
Georgetown, Minn.



AUNTIE SUE'S HOME TALK

AN APRIL DAY

*When the warm sun, that brings
Seed-time and harvest, has returned
again,
'Tis sweet to visit the still wood,
where springs
The first flames of the plain.*

*The softly warbled song
Comes from the pleasant woods,
and colored wings,
Glance quick in the bright sun, that
moves along,
The forest openings.*

*Sweet April! Many a thought
Is wedded unto thee, as hearts are
wed;
Nor shall they fail, till, to its autumn
brought,
Life's golden fruit is shed.*

April is here and with it comes "house-cleaning time." That announcement may not be received very enthusiastically by the man of the house but we often do need his help; pounding the rugs and moving heavy furniture, and we can secure it if we have a well thought out program and apply system to our work.

Men enjoy a clean house, with a little touch here and there to brighten up the corners of the rooms lived in all winter as well as we do.

The first step in your "system" is to sit down with pencil and paper and make a list of the various materials you will need to carry out your program. These will probably include, paint, varnish, paint brush, rug cleaner, paper cleaner, curtains, etc. By having all these things on hand there will need be no delay in carrying out our program on schedule.

In spite of our endeavor to be careful

all our good intentions, we sometimes do set a hot dish down on the dining table, spill perfume on the dresser, and active children will kick and mar furniture in their play. Most of such blemishes can be removed with a good furniture polish and plenty of 'elbow grease.' All depends on how deep the blemishes go into the wood. Some things may have to be refinished to make them look well.

No doubt you have been giving some thought through the winter to those new curtains which add so much to any room and here is the best place for one to show individual taste in home decoration. Papers and magazines are filled with pictures and suggestions as to styles and materials so I will not comment further on curtains other than that they need not be at all expensive to be all you could desire.

The floors, too, will need some attention, and since there are many kinds of floors, each needing different treatment, each home has its own problem in this. But whether you have a hardwood floor, a painted or a linoleum-covered floor, a good floor wax will add to both appearance and service and also reduce the labor of caring for same.

Papered walls and ceilings that have become soiled or smoked up during the winter can be cleaned with a commercial cleaner, making them almost as bright as new paper. This is not easy work and the help of the man-of-the-house can again be used to advantage. The rugs, after they have been well swept and pounded, can be further improved by washing with a soap jelly made as follows: To two quarts of boiling water add one cup of soap flakes. Apply this with stiff brush to small area of rug at a time then wrinse with sponge dipped in clean water and wipe dry. This may seem like a slow process but it pays.

Upholstered furniture can be cleaned with a dry-cleaning fluid, going over the surface lightly with cloth or sponge wrung partly dry.

It will be found consoling to tired nerves and dispositions not to attempt to do the whole job of house cleaning at once, in fact that should be part of the "system." But with pretty hooked rugs, new pillows and other trimmings which have been prepared during the winter I am sure each home will take on the springtime atmosphere and everyone will be happy. And by the way, wouldn't Household Efficiency vs. Household Drudgery be a good topic to discuss at your club or homemaker's meeting?

HELPFUL HINTS

Pour salad dressings into jars which have been rinsed out with cold water. The dressing will not stick to the sides.

If pie juice runs into the oven, throw salt over it and there will be no odor or smoke.

A teaspoon of vinegar added to the cold water used in mixing pie crust will make the crust flaky.

Leather bags and suit cases put away in storage sometimes become covered with mildew. To remove this rub them with petroleum ointment and let them stand until the mildew comes off easily.



THESE ARE GOOD TO EAT

Baked Lima Beans with Tomatoes

- 1 quart dried lima beans.
- 3 cups tomatoes
- $\frac{1}{4}$ pound bacon
- 1 tablespoon salt.

Soak the beans overnight and cook them until they are tender in water in which they were soaked, adding a pinch of soda while cooking. Drain them, put in baking dish and add the tomatoes and salt and a few slices of onion if you like. Place the bacon strips on top. Cover the dish and bake slowly for one hour.

A fruit salad, whole wheat bread and butter, and milk for children, with tea or coffee for adults, are all that will be needed to make a full meal in addition to the baked beans.



Prune Cake

- $\frac{1}{2}$ cup shortening
- 1 cup sugar
- 2 eggs
- $2\frac{1}{2}$ cups flour
- 4 teaspoons baking powder
- $\frac{1}{2}$ teaspoon salt

- $\frac{1}{2}$ teaspoon allspice
- $\frac{1}{2}$ teaspoon cinnamon
- $\frac{1}{3}$ cup milk
- 1 cup cooked—chopped prunes
- $\frac{3}{4}$ cup seedless raisins
- $\frac{1}{4}$ cup chopped nuts

Bake in a moderate oven until the cake is brown and slightly shrunken from the sides of the pan. When cold, ice with a boiled frosting, or while warm spread the top and sides with an uncooked butter-cream icing.



For a change, roll doughnut dough into balls $1\frac{1}{2}$ inches in diameter and fry in deep hot fat until well browned on all sides. When cool roll in powdered sugar or cocoanut.

AN ACKNOWLEDGEMENT

To the All-American Turkey Show Association, the All-American Bronze Club, the International Narragansett Turkey Club:

We greatly acknowledge and thank you all for your kind expression of sympathy.

Mrs. A. D. Walker and Daughter,
Memphis, Missouri.

"Enclosed is renewal of my subscription for another year as I like the AMERICAN TURKEY JOURNAL very much; so many helpful and interesting features in every issue."

MRS. FRANK WELSH, N. Dak.

"We do greatly enjoy every issue of your AMERICAN TURKEY JOURNAL."

EDNA AND MAUDE SHECKLER,
Nevada, Ohio



Poult time will soon be here! What a thrill it is to the dyed-in-the-wool turkey grower when the poults come on the scene. This group of poults were snapped on the turkey farm of Gladys Honssinger, Lebanon, Mo.

CHAMPION BRONZE

By BERT McKEEHAN

Many years of careful breeding have produced in our stock all the characteristics you are looking for if you want to make money raising turkeys. Market type, egg-laying ability and vigor are all here and in generous quantity. Correspondence solicited.

STOCK AND EGGS

BERT McKEEHAN MT. HAMILL
I O W A

JENSEN'S QUALITY BRONZE

1934 MATINGS

PEN 1.—Headed by 2nd yearling Minneapolis. (Also 5th at All-American) 1934. Eggs, \$1.00 each or \$10.00 per dozen.

PEN 2.—Headed by 1st Adult at Minneapolis 1934. (Also Reserve Champ. of Show) Eggs, \$1.00 each or \$10.00 per dozen.

PEN 3.—Headed by 7th Young Tom at Northern States Turkey Show in class of 52. Eggs, 70c each or \$7.00 per dozen.

PEN 4.—Headed by a son of 1st Young Tom at Oakland, Oregon 1932. (This bird has not been shown yet.) Eggs, 70c each or \$7. per doz.

Every pen is scientifically mated with prize winners in each. Every bird A.P.A. Inspected, (AA) and (A) Grades Only. Every hen lays in a trapnest.

All eggs half price after April 20th.
Folder Free. Write

IRVING M. JENSEN AMERY
Wisconsin

PARASITES OR PROFITS

An exposure of the incredible losses which cost American farmers over \$2,000,000,000.00 annually is made in a new booklet just published by Purina Mills, "Parasites or Profits." Its opening statement that over two billions of dollars are destroyed every year by diseases and parasites in farm flocks and herds—a figure which is confirmed by the records of the U. S. Department of Agriculture, is startling.

As an aid in preventing and controlling such costly disease and parasite losses and turning more money back to the farmer, the book offers in easy reference form a practical sanitation guide for farm and home use. The same program, according to the book, is in constant use at the Purina Experimental Farm.

Every phase of sanitation is covered in this handy guide. Included in its pages are things to do for baby poults and chicks; sanitary measures to help keep them growing; sanitation in the laying house to give the layers a lift for more profitable egg production; keeping things clean and sanitary in hatchery and battery; sanitation for turkeys, cows and calves, horses, hogs, sheep, cattle, goats, dogs, foxes, rabbits, and pigeons. Home sanitation, too, is an important feature. Each of these subjects is treated under separate heading and is made easy to find and follow by the unusual way in which the book is arranged. All in all the work gives every evidence of having been prepared by men who know and understand disease and parasite control.

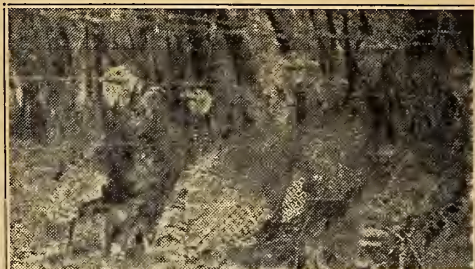
The booklet can be had free by writing the AMERICAN TURKEY JOURNAL or the Educational Division, Purina Mills, St. Louis, Missouri.

Shelton Issues New Mating List

The Journal has received a copy of the recently published mating list of Mr. and Mrs. O. J. Shelton, Pomona, Calif., the well-known Bronze breeders.

Well arranged and printed, their new sales piece gives a clear and graphic outline of the Shelton breed, its history, winnings and 1934 matings. The booklet is profusely illustrated with photos of champion prize winners, trophies and scenes on the Shelton turkey ranch. One scene shows the Sheltons being congratulated by Governor Rolph of California on winning World's Fair Grand Champion Turkey.

The Shelton list of winnings is impressive and occupies two pages of the booklet. Numerous testimonials are also printed and come from such widely separated points as Virginia, Hawaii, South Dakota.



JOHNSON'S WILLOW GROVE BRONZE

ALL SOLD OUT ON
BREEDING STOCK

EGGS

After May 1st

From 3 Wonderful Pens

1st Pen Eggs.....	\$10.00 Per 12
2nd Pen Eggs.....	\$ 5.00 Per 12
3rd Pen Eggs.....	\$ 5.00 Per 12

75% Fertility Guaranteed

MR. and MRS.

AL. C. JOHNSON
BATH, SOUTH DAKOTA

Meat Meal

WHAT IS

WHAT DOES IT DO?

Meat Meal is highly concentrated animal protein in its most digestible form.

By mixing Meat Meal with the grain you have on the farm, you get a feeding mash with all essential food elements, at the lowest possible price.

WRITE FOR DETAILS

No grain has enough protein. Meat Meal must be added to feed turkeys right.

Northern **Grand Forks**
Packing Co. **Fargo**

CLASSIFIED ADVERTISEMENTS



RATES: 3c per word per issue. Minimum Ad. accepted \$1.00. Initials and figures count as words. TERMS: Cash with order only. Due to small amounts involved we cannot open accounts for classified advertising. SPECIAL OFFER: Three insertions 6c per word; 7 insertions 12c per word; 12 insertions (one year) 18c per word. Closing date 20th of the month.



SEND ALL CLASSIFIED ADVERTISING COPY TO THE
AMERICAN TURKEY JOURNAL

105 South 3rd Street

GRAND FORKS, N. DAK.



BRONZE



BRONZE POULTS, EGGS, LARGE HEALTHY, two year old stock. Exhibit blood. 120 egg six month record. Pearl baby Guineas, eggs, stock. Guaranteed alive free delivery. Also 80 acres, 33 acres, fertile land. Free from poultry 50 years. Make healthy blue grass turkey ranches. \$2,900, \$1,000. Mrs. Jim Klink, Huntsville, Mo.

HATCHING EGGS FOR SALE, MAMMOTH Bronze eggs from Chicago Fair prize winning stock \$35.00 100, Fertility guaranteed. Supply limited order early. Our remedies have passed Government Analyst, Literature free. Turkey Herbs Remedy, San Luis Obispo, California.

EGGS FROM OUR PEN OF HIGH QUALITY Bronze turkeys, all "AA" grade. No other grade kept. Our eggs have always hatched good. Price \$1.00 each or \$10.00 a dozen.—Mrs. Lee Miller, Cavalier, N. Dak.

BRONZE TURKEY EGGS FROM OUR Quality matings May first to fifteenth, \$1.00 each. After May fifteenth 50c each.—John O. Allen, Radium, Minnesota.

ANNO'S QUALITY BRONZE EGGS, WINNERS at many shows, pens headed by All-American toms, \$2.00 quality from 50c to 12c. Free mating list, also some poults.—A. Van Oosting, Hensler, North Dakota.

MOUNTAIN VIEW FARM BRONZE Hatching eggs from the best pens we have ever put together. Pen 1 from which we secure our outstanding young show toms, \$2.00 each, \$20.00 per dozen. Pen 2 especially mated for the production of show pullets, \$2.00 each, \$20.00 per dozen. Pens 3 and 4 headed by high placing young toms from the 1934 All-American, and containing Many of our exhibition females, \$1.00 each or \$10.00 per dozen. Extra eggs included and fertility guaranteed.—Mrs. Frank Ralston, Crystal, North Dakota.

EGGS AND POULTS FROM EXTRA LARGE, well marked Bronze Breeders. 500 choice hens from our flock of 3600. Reiman and Shelton strain direct. Priced right. Write for circular.—Kepler Turkey Farms, Butler, Indiana.

WHY NOT BUY YOUR EGGS AND POULTS from one of Iowa's finest flocks? Large, vigorous, beautifully marked birds from many noted breeders. We handle many large orders of poults and eggs.—Uhl Turkey Farm, Sioux City, Morningside, Iowa, Route 2.

AMOS' FAMOUS & SHELTON BRONZE. SIRE best type and grand champion 1932 American Royal. Eggs, special \$15 and \$10 dozen. Utility \$20 per 100. Poults \$35 per 100.—T. C. Amos, Russellville, Missouri.

MAMMOTH BRONZE EGGS FROM WELL marked hens mated to tom that won first prize at Michigan Turkey Show.—Mrs. Howard Carmean, Kenton, Ohio.

"ROCKY MOUNTAIN STRAIN MAMMOTH Bronze Turkey Eggs from pedigreed matings. March - April 35 cents and up. Poults 75 cents and up. After May first prices reduced. 33 birds exhibited this season, 29 ribbons won, 7 firsts, 4 champions.—Mrs. C. E. Brown & Son, Littleton, Colo.

BUY POULTS FROM ARNOLDS 400 BRONZE breeders. Well marked selected for vigor and early maturing. Third yr. old hens. Hatch poults only. Priced to sell. Satisfaction and live arrival guaranteed.—Arnolds Turkey Farm, Howard, O.

MOORE'S CHAMPION GOLDBANK BRONZE Toms reduced, Eggs from our Quality, Specials, and Extra Special Matings at greatly reduced prices for April, May and June. Satisfaction Guaranteed.—Mrs. T. J. Moore, California, Mo.

LUTZ'S FINER QUALITY GIANT BRONZE, turkey eggs from stock sired by \$500.00 Gold-bank tom. Eggs 20c to \$2.00 each, 1/2 price April 25. Guaranteed.—Mrs. J. E. Lutz, Henrietta, Texas

SELECT BRONZE POULTS AND EGGS. PEN mated breeding stock inspected by Missouri Poultry Improvement Association. Wonderful size, type, and markings. Safe delivery and satisfaction guaranteed. April eggs, 20c each; May 15c; June 10c; July 8c; Poults, April 45c each; May 37 1/2c; June 32 1/2c; July 27 1/2c; 10% deposit books order. Correspondence invited.—George Fowler, Hoberg, Mo.

SHEAFFER'S SUPERIOR BRONZE TURKEYS. Breeders, Poults, Eggs. Quality unconditionally guaranteed.—Sheaffer's Turkey Farm, Elizabethtown, Pa.

SUPER STRAIN BRONZE—MARKET TYPE, Size, Vigor, and Prolific Breeding Quality. A. P. A. Inspected and Vaccinated. Reiman's First Cockerel, West Coast Turkey Breeders Meet 1933 heads our Best Pen. Stock, Eggs and Poults. Free mating list.—Z. J. Lee, Red Oak, Ga

2000 HIGH QUALITY MAMMOTH BRONZE Select Breeders, on our own farm to supply you with your poults. Book your orders far in advance for choice dates. Write for catalogue of full information, on poults feeds, and Turkey Fountains.—Sunshine Turkey Farm and Hatchery, Mapleton, Minnesota.

POULTS—FROM LIFER'S 700 BRONZE Breed- ers. The kind commercial growers demand. Toms trap-nest selected. We hatch turkey poults exclusively. Live delivery guaranteed. Lifer's Turkey Farm, Danville, Ohio.

**NARRAGANSETT**

NARRAGANSETT, EGGS AND POULTS FROM our world's famous blue ribbon winners. Just won many Blue Ribbons at the New York Show. Write for mating list. — Cecil Laughman, Dunraven, New York.

NARRAGANSETTS—HIGH QUALITY, Healthy, vigorous stock at reasonable prices. "A" grade toms and hens for sale only. Eggs in season. Oakdale Farm, Kensington, Minnesota.

NARRAGANSETTS—COMPACT, Short-legged, short necked, heavy bodied, fast maturing strain; standard weight, with excellent exhibition record. Stock-eggs.—Mrs. E. F. Strong, Oakland, Oregon.

FAMOUS SILVER CLAD NARRAGANSETTS, splendid breeders.—Mrs. Denny Johnson, Fayette, Missouri.

**BOURBON RED**

PURE BRED BOURBON RED TURKEY EGGS, from prize winners. Canary Birds, both Green and Yellow Rollers. Yellow Choppers, Warblers and California Aeolians, Wonderful singers.—Mrs. V. O. Roney, Route 3, Gallatin, Tenn.

SUNWISE BIG BOURBON HATCHING EGGS from big blocky quick maturing birds, good layers. After April first. Special Pen, Six dollars per dozen. Flock mating Four dollars per dozen. —Sunwise Ranch, Yuba City, California.

LAUGHMAN'S BOURBON REDS—Following their great wins at New York State Fair and Chicago World's Fair Turkey Show, they go to the great New York Show and make another record win of Blue Ribbons. Limited number of eggs and poults. Write for folder and price list.—Cecil Laughman, Dunraven, New York.

FANCY HEAVY BONED BOURBONS FOR Sale at reasonable prices. Our birds have been among the winners of high standing for eight years at All-American. Have won first old and young pens for past three years.—Otto W. Thieke, Beardsley, Minn.

PETREE'S BOURBONS WIN 1933. SOUTH'S Premier Show, mid-continent, Oklahoma City. 20 entries, 18 awards. Grand Champion Hen. Oklahoma State Fair, Oklahoma City, 20 entries all awards, and Grand Champion Tom. Breeders, Eggs, Poults, Famous Blood lines. Highest Quality. We want your egg orders, ship anywhere. Satisfaction Guaranteed.—Grace Petree, Calumet, Oklahoma.

**WHITE HOLLAND**

WHITE HOLLAND TURKEY EGGS, \$3.00 for 10 or 20 for \$5.00.—Mrs. D. Willett, Ceres, California.

INTERNATIONAL PRIZE WINNING WHITE Hollands: 18 years selective breeding. Earliest maturing. Reasonable prices on: Breeders, Eggs, Poults. State your wants and write for further particulars.—Mrs. A. O. Starks, Dexter, Minn.

WHITE HOLLAND EGGS REASONABLE. Earliest maturing, blocky short legged type, all from pure bred selected outdoor pens. Eggs in unrelated lots. Also superb Blacks. The earliest market turkeys are our Black hens. We also have Wild Turkeys.—Green Tree Farms, 419 Woodbridge Avenue, Buffalo, New York.

WHITE HOLLAND EGGS AND POULTS: MY carefully selected flock of 250 Utility breeders, provide my customers with a profitable type market turkey, and Special Matings of prize winners furnish highest quality stock for exhibitors and breeders.—Mrs. Homer Price, Specialty Breeder, Snow White Strain, Newark, Ohio.

WHITE HOLLAND AND NARRAGANSETT from Inspected strong stock. White Holland mated hens. Eggs.—Mrs. A. Swenson, Gilby, North Dakota.

WHITE HOLLANDS. ON SIX BIRDS Entered at last All-American, won 1st-2nd-6th yearling hens, 3rd-4th-5th, young toms, Best display. Best North Dakota raised young tom. All breeds competing. Eggs in season.—J. M. Olson, Devils Lake, North Dakota.

**BLUE SLATE**

QUALITY BLUE SLATE TURKEYS. PRIZE winning stock. 1st and 2nd yearling hens at Chicago World's Fair Turkey Show.—Kathryn Wingert, Bucyrus, Ohio.

WORLD'S OUTSTANDING BLUE SLATES, Blue Ribbon and Champion Winners wherever shown. Just made a big win at Chicago World's Fair Turkey Show. Mating list sent upon request.—Cecil Laughman, Dunraven, N. Y.

**ALL BREEDS**

BRONZE, NARRAGANSETT AND WHITE Hollands. Stock, Eggs, and Poults in season, from International Winners.—Sheckler's Regal Turkey Farm, Nevada, Ohio.

LOOK! BABY TURKEYS. MAMMOTH Bronze, Bourbon Red, Narragansett, and White Holland. Priced right. Also Eggs for hatching and fine Breeding Stock. Catalog free.—Nabob Poultry Farms, Box 44, Gambier, Ohio.

MARCH, APRIL, MAY HATCHED TURKEY Poults; Bronze, Reds, White, Black write.—Beckord's Hatchery, Route 5, Utica, Nebraska.

MISCELLANEOUS

STOP INJURIES TO YOUR HENS DURING mating with Tip Top Breeding Blankets. Heavy, tough 12 ounce duck, hemmed edges, fully reinforced. Sturdy tie straps around neck and each wing holds blanket firmly in place and does not inconvenience hen. Cleats prevent toms from slipping. Will last several seasons. Each 12c, 100—11c, 500 or more 10c. Shipped fully prepaid. Send money order or check with order. Tip Top Supply Company, Mankato, Minnesota. Reference: First National Bank, Mankato.

SADDLE YOUR TURKEY HENS—CANVAS covers scientifically made, prevents blue backs and torn birds during mating season. Market them all as No. 1 birds. 12 cents each, 500 or more 10 cents each. Cash with order. Shipped Prepaid.—Sunshine Turkey Farms, Dist., Saint Clair, Minnesota.

POSITION WANTED

YOUNG MAN 19 YEARS OF AGE WITH three years successful experience raising turkeys. Would like position on farm where turkey raising is a main line. Write: Norris Walte, Watkins, Mo.

PHEASANT EGGS

LEARN FREE WHERE TO BUY EGGS OR breeding stock many varieties Pheasants, Quail, other Game Birds, Wild and Ornamental Waterfowl, Aviary and Rare bird, Peafowl, etc. from beautifully printed and illustrated monthly magazine; subscription \$2.00 year. Write today for free sample copy: Modern Game Breeding, 42 W. State, Doylestown, Pa.

PRINTING

QUALITY PRINTING FOR THE TURKEY grower. Highest class workmanship, free use of turkey cuts. Letter heads, 8½x11, 250, \$4.25; 500 \$5.00; 1000 \$6.75. No. 10 (long) envelopes 250 \$2.25; 500 \$3.75; 1000 \$6.25; Mating lists, handsomely printed on quality enamel paper, 4 page size, 500 \$13.50; 1000 \$15.75; 6 page size, 500 \$17.25; 1000 \$20.00; 8 page size, 500 \$21.75; 1000 \$25.00; Business cards 500 \$3.50; 1000 \$5.25. We arrange and edit your copy and give you an absolutely first-class job in every particular. Buy good stationery, it helps to impress your distant customer. The Page Printing Company, Grand Forks, North Dakota.

WHEN WRITING to any advertiser kindly mention that you saw the advertisement in THE AMERICAN TURKEY JOURNAL. It will help both The Journal and the advertiser.

The Goat World

is official organ of The American Milk Goat Record Association. It is a highly illustrated monthly magazine covering all of the U. S. and entering twelve foreign countries. The best authorities contribute to its columns.

OLDEST AND LARGEST

Annual subscription rate	\$2.00
3 Years	\$4.00
5 Years	\$6.00
3 Months Trial	50c
Sample Copy	20c

THE GOAT WORLD

VINCENNES

INDIANA



THE STANDARD OF PERFECTION

Indispensable to All Breeders and Judges of Standard-Bred Turkeys

Latest Revised Edition

Published by the American Poultry Association and the only recognized authority. Followed by all judges in all poultry shows in the U. S. and Canada and by all successful breeders. Describes the requirements for shape and color of every section of every variety of Standard-bred fowls, turkeys, ducks, geese and bantams.

More Than 200 Illustrations of Perfect (or Standard) Specimens, Perfect and Defective Sections, Feathers, Etc.

Contains instructions to judges; complete list of disqualifications; 15-page glossary of technical terms with 41 drawings of perfect and defective combs, backs, tails, color patterns, etc.; discounts for defects, etc. Study this book and know the quality and value of your fowls. 500 pages. Postpaid, in cloth \$2.50; leather, \$3.50 Address

AMERICAN TURKEY JOURNAL, Grand Forks, N. Dak.



From hatching eggs to beautiful birds like these seem a long, hard journey right now, but hard work and patient care will do it! The scene is on the O. J. Shelton farm at Pomona, California.



GAUGE THE FUTURE BY THE EXPERIENCES OF THE PAST

1933

Early last year we predicted that good stock, careful, capable management and **HUBBARD'S SUNSHINE** would make money for turkey raisers in 1933.

Records of hundreds of **HUBBARD'S SUNSHINE** Feeders prove that it did!

1934

It will be true again in 1934!

Fewer losses—faster growth and gain—greater vitality—keener health—earlier maturity—perfect finish—rich, juicy, deliciously flavored flesh—premium quality—all at lower production costs always makes larger profits for **HUBBARD'S SUNSHINE** Feeders.

You want that kind of performance this year!

Then why not feed **HUBBARD'S SUNSHINE** whose outstanding achievements during the last five years has remained unchallenged.

Feeding The HUBBARD'S SUNSHINE Way Is So Simple—

Start the poults off on **HUBBARD'S SUNSHINE** Turkey Starter Mash and water alone. No fuss or bother with greens, or musing with souring, unsanitary milk or buttermilk.

HUBBARD'S SUNSHINE in itself contains all the essential ingredients for fully and correctly nourishing baby poults for full vitality and fast, vigorous growth. It contains the exact balance and blend of ingredients which has proved so outstandingly superior over the last five years.

Learn for yourself the superior results which you can obtain with **HUBBARD'S SUNSHINE**. Its outstanding success among turkey raisers everywhere and its unvarying balance and blend of ingredients over the last five years, thoroughly justify your confidence and merit a trial.

If there is no **HUBBARD'S SUNSHINE** Dealer near you, write us. We shall see that you are supplied promptly and conveniently.

Write for our New 1934 **HUBBARD'S SUNSHINE** Feeding Manual. It's **FREE**. Just tell us how many turkeys you expect to raise, and the name of your feed dealer.

Hubbard Milling Co.

MANKATO, MINNESOTA

Branch Plant: 410 Eleventh St.
Ambridge, Pa.